

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ACETALDEHYDE

Plant	Part	Low PPM	High PPM	StdDev	Reference
Citrus sinensis	Fruit Juice	3.0	15.0	1.0	--
Ananas comosus	Fruit	0.61	1.4	-0.7074252260202778	--
Citrus reticulata	Fruit	0.0	2.0	-0.7067882885418681	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Malus domestica	Plant				--
Micromeria fruticosa	Shoot		0.1		Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Micromeria fruticosa	Shoot				Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of Micromeria fruticosa (L.) Druce subsp. barbata (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. J. Ess. Oil Res 3: 477-479.
Psidium guajava	Fruit		2000.0	1.4142135145621455	--
Carum carvi	Fruit				--
Coffea arabica	Seed				--
Telosma cordata	Flower		1026.0		K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of Telosma cordata Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
Brassica oleracea var. capitata l.	Leaf				Wealth of India.
Pimpinella anisum	Fruit				--
Cannabis sativa	Plant				Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of Cannabis sativa L. XVII. A Review of the Natural Constituents. J Natural Products, 432: 169-234.
Pelargonium graveolens	Essential Oil				--
Zingiber officinale	Rhizome				--
Apium graveolens	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Lycopersicon esculentum</i>	Fruit				--
<i>Apium graveolens</i>	Shoot				--
<i>Daucus carota</i>	Root				--
<i>Cinnamomum camphora</i>	Plant				--
<i>Ribes nigrum</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Mentha x piperita</i>	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Malus domestica</i>	Fruit Juice				Miyake, T., Shibamoto, T. 1993. Quantitative Analysis of Acetaldehyde in Foods and Beverages. J. Agr. Food Chem, 41(11): 1968-1970.
<i>Glycine max</i>	Plant				--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb				Kim, S. M., Wu, C. M., Kobayashi, A., Kubota, K., Okumura, J. 1995. Volatile Compounds in Stir-Fried Garlic. J. Agric. Food Chem., 43(11): 2951-2955.
<i>Zingiber officinale</i>	Essential Oil				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . Nippon Gogeikagaku Kaishi 61(9): 1119-1122.
<i>Hamamelis virginiana</i>	Leaf		160.0		--
<i>Citrus mitis</i>	Fruit Juice		2.4	-1.0	--
<i>Camellia sinensis</i>	Leaf				--
<i>Solanum tuberosum</i>	Plant				--
<i>Pimpinella anisum</i>	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Houttuynia cordata</i>	Plant				--
<i>Malus domestica</i>	Fruit				--
<i>Mentha spicata</i>	Essential Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Prunus persica</i>	Plant				--
<i>Sambucus nigra</i>	Flower Essent. Oil				--
<i>Eruca sativa</i>	Hs				--
<i>Sambucus nigra</i>	Leaf Essent. Oil				--
<i>Ficus carica</i>	Fruit				--
<i>Lavandula x intermedia</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cucumis melo</i>	Petiole				--
<i>Citrus aurantium</i>	Plant				--
<i>Angelica archangelica</i>	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Nicotiana tabacum</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Phoenix dactylifera</i>	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Iris x germanica</i>	Rhizome				--
<i>Oryza sativa</i>	Plant				--
<i>Acacia catechu</i>	Plant				--
<i>Carum carvi</i>	Seed				--
<i>Annona muricata</i>	Plant				--
<i>Vanilla planifolia</i>	Fruit				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.